

FIG. 1

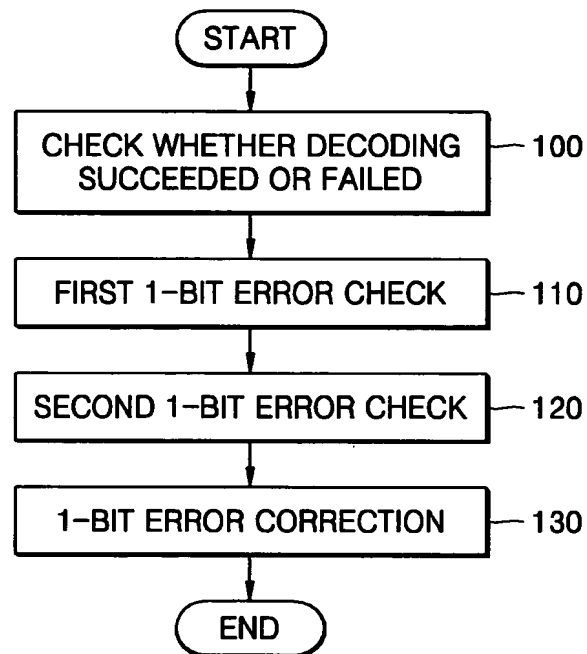


FIG. 2

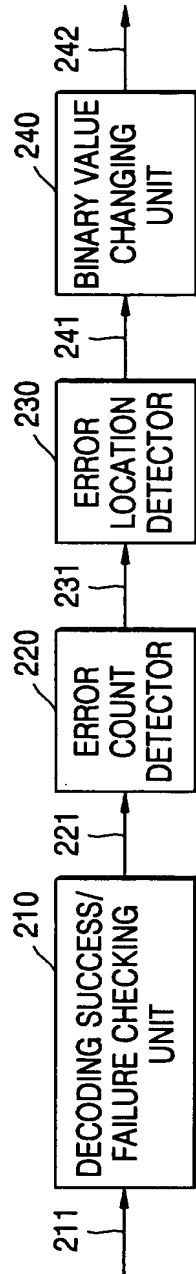


FIG. 3

$$\begin{array}{c}
 \begin{matrix} R_1 \\ R_2 \\ \vdots \\ R_j \\ \vdots \\ R_m \end{matrix} \begin{bmatrix} C_1 & C_2 & \dots & C_k & \dots & C_n \\ h_{11} & h_{12} & \dots & h_{1k} & \dots & h_{1n} \\ h_{21} & h_{22} & \dots & h_{2k} & \dots & h_{2n} \\ \vdots & \vdots & & \vdots & & \vdots \\ h_{j1} & & & h_{jk} & \dots & h_{jn} \\ \vdots & \vdots & & \vdots & & \vdots \\ h_{m1} & \dots & & h_{mk} & \dots & h_{mn} \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \\ \vdots \\ x_n \end{bmatrix} = \begin{bmatrix} z_1 \\ z_2 \\ z_3 \\ \vdots \\ z_m \end{bmatrix} \\
 \underbrace{\hspace{10em}}_H \qquad \underbrace{\hspace{10em}}_C \qquad \underbrace{\hspace{10em}}_Z
 \end{array}$$

FIG. 4

$$\begin{array}{c}
 \begin{matrix} R_1 \\ R_2 \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ R_{10} \end{matrix} \begin{bmatrix} C_1 & C_2 & \dots & C_{10} & \dots & C_{20} \\ 1 & 0 & & 0 & & 0 \\ 0 & 1 & & 0 & & 0 \\ \text{---} & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \\ 1 & 0 & & 1 & & 0 \\ 0 & 1 & & 0 & & 0 \\ \vdots & \vdots & & \vdots & & \vdots \\ 0 & 1 & & 0 & & 1 \\ \text{---} & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \\ 0 & 0 & & 1 & & 1 \\ 0 & 0 & & 0 & & 1 \\ 0 & 0 & & 0 & & 0 \\ 0 & 0 & & 1 & & 0 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ \vdots \\ \vdots \\ \vdots \\ x_{10} \\ \vdots \\ \vdots \\ \vdots \\ x_{20} \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 1 \end{bmatrix} \\
 \underbrace{\hspace{10em}}_H \qquad \underbrace{\hspace{10em}}_C \qquad \underbrace{\hspace{10em}}_Z
 \end{array}$$

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412  
413

FIG. 5

